

C ALPHA-GUAIENE

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*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev -1	Reference
Aralia cordata	Stem	2	2	--	
Arctium lappa	Root	--	--	--	Jim Duke's personal files.
Artemisia annua	Plant	15	1880	-1	--
Artemisia herba-alba	Plant	--	--	--	
Boswellia sacra	Essential Oil	--	--	--	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus globulus	Fruit Essent. Oil	--	31500	1	--
Humulus lupulus	Fruit	16	16	--	
Hyptis suaveolens	Shoot	6	6	0.37139067635410333	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. J. Ess. Oil Res. 5: 321.
Hyptis suaveolens	Shoot	--	6	0.37139067635410333	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of <i>Hyptis suaveolens</i> (L.) Poit. J. Ess. Oil Res. 5: 321.
Laurus nobilis	Leaf	--	--	--	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Laurus nobilis	Leaf Essent. Oil	--	--		--
Micromeria fruticosa	Leaf	1	1		Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
Ocimum basilicum	Plant	--	--		--
Ocimum basilicum	Shoot Essent. Oil	--	1300		--
Origanum syriacum	Shoot	0	0	-1.2998673672393632	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
Origanum syriacum	Shoot	--	6	0.37139067635410333	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
Origanum syriacum	Shoot	--	0	-1.2998673672393632	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
Panax ginseng	Root Essent. Oil	--	40000	1	--
Panax ginseng	Root	--	--		--
Panax ginseng	Flower Essent. Oil	--	55000		--
Pelargonium citrosum	Shoot	--	10	1.4855627054164144	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant ' <i>Pelargonium citrosum</i> ' as a Repellent Against Populations of <i>Aedes</i> Mosquitoes. <i>J. Am. Mosq. Contr. Assoc.</i> 12(1):69-74.
Piper nigrum	Fruit	--	--		--
Piper nigrum	Fruit Essent. Oil	--	1100	-1	--
Pogostemon cablin	Plant	1261	5460	1	--
Ptychopetalum olacoides	Root Essent. Oil	--	6000	-1	Uber Bucek, E., Fournier, G., Dadoun, H. 1987. Volatile Constituents of <i>Ptychopetalum olacoides</i> Root Oil. <i>Planta Med.</i> 53, 2: 231.